

# Peter Dyczkowski

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## Work Experience

### Agents of Discovery

*Kelowna, BC, Canada - Remote*

#### Software Developer

*May, 2022 - Current*

- Designed and developed a versatile API using ASP.NET Core, currently integrated by one of our internal platforms, government agencies, and external businesses. This API was built to optimize the data transfer process between our systems and various external websites. Recognizing the need for clarity in usage, I wrote detailed documentation to ensure seamless integration for stakeholders. Additionally, I proactively incorporated features like rate limiting to defend against potential DDOS attacks and implemented security measures, securing specific endpoints with access keys. As the Lead Developer for this initiative, I was instrumental in shaping the architectural approach, contributing significantly to the codebase, and partnering with the DevOps team to ensure successful deployment. This microservice has substantially reduced manual processes, saving the company roughly ~10 hours a week and providing real-time updates. The automation also means fewer errors and more accurate data, enabling our team to prioritize more pressing endeavors.
- Developing features for a new web portal using React, GraphQL and Hasura. Writing automated tests using Cypress.
- Leading a team of interns and junior developers as the acting Lead Developer during a team member's leave of absence. Teaching software concepts such as Object-Oriented Programming while providing training on best Git practices.
- Collaborating with the CEO, management, and the customer success team to find practical solutions to company goals. Converting business requirements into JIRA tickets and delegating tasks to other developers.

#### Junior Software Developer

*July, 2019 - August, 2020*

- Developed, tested, and refactored features for a geolocation-based Android/iOS application (C#, .NET, Unity) and its associated online web portal (C#, ASP.NET, JavaScript).

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## Education

### B.Sc. | Major in Computer Science | Minor in Data Science

*June, 2019*

University of British Columbia

*Kelowna, BC, Canada*

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## Technical Skills

### Languages

C# | JavaScript | TypeScript | Python | Java | SQL | PHP | JSON | HTML | CSS | R

### Frameworks/Other

Node.js | .NET | ASP.NET Core | React | Hasura | GraphQL | Cypress | Unity | ArcGIS | PostgreSQL | MySQL | MS SQL Server | Git | JIRA | Azure DevOps | Vercel | AWS